

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16. (Canceled)

17. (Currently amended) An optical disk player according to claim 20, wherein the optical disk, comprising comprises digital information stored thereon, which is accessed by an optical disk playing system for playing the optical disk, the stored digital information comprising:

stored media content that is played in coordination with downloadable content associated with the stored media content; and a public key which is used by the optical disk playing system to verify the authenticity of the downloadable content before the downloadable stored media content is played in coordination with the associated stored media downloadable content.

18. (Currently amended) The optical disk player according to

claim 17, wherein the public key is stored in a BCA (Burst Cutting Area) zone of the optical disk.

19. (Currently amended) The optical disk player according to claim 17, wherein the public key is stored in a media content zone of the optical disk.

20. (Currently amended) An optical disk player, comprising:  
an optical disk driver unit to read-out media content and a public key stored on an optical disk;  
a network interface to download content associated with the read-out media content; and  
a control system to verify the authenticity of the downloaded content using the public key read-out from the optical disk before the downloaded-read-out media content is played in coordination with the associated read-out media-downloaded content.

21. (Previously presented) The optical disk player according to claim 20, wherein the control system detects whether the downloaded content is integral before verification, wherein said

verification will not be executed if the downloaded content is detected to not be integral.

22. (Previously presented) The optical disk player according to claim 20, wherein the downloaded content is an application program.

23. (Previously presented) The optical disk player according to claim 22, wherein the application program is a JAVA language application program.

24. (Currently amended) The optical disk player according to claim 20, wherein the control system verifies the authenticity of downloaded content by performing asymmetric cryptography using the public key stored on the optical disk and corresponding to a private key of used to encrypt the downloaded content.

25. (Currently amended) A method for playing an optical disk, comprising acts of:

reading-out media content and a public key stored on an optical disk;

downloading content associated with the read-out media content;

verifying the authenticity of the downloaded content using the public key read-out from the optical disk before allowing the downloaded read-out media content to be played in coordination with the associated read-out media downloaded content.

26. (Previously presented) The method according to claim 25, further comprising acts of:

detecting if the downloaded content is integral; and  
executing the verifying act only if the downloaded content is detected to be integral.

27. (Currently amended) The method according to claim 25, wherein the coordination between the read-out media and downloaded content will not operate be established if the downloaded content is not authenticated.

28. (Currently amended) The method according to claim 27,  
wherein the coordination between the read-out media and downloaded  
content will operate be established if the downloaded content is  
authenticated.

29. (Previously presented) The method according to claim 25,  
wherein the downloaded content is an application program.

30. (Previously presented) The method according to claim 29,  
wherein the application program is a JAVA language application  
program.

31. (Previously presented) The method according to claim 25,  
wherein verifying the authenticity of the downloaded content  
comprises an act of performing asymmetric cryptography using the  
public key read-out from the optical disk and a private key of the  
downloaded content.

32. (Currently amended) An The method according to claim 25,  
wherein the optical disk, comprising comprises digital information

stored thereon, which is accessed by an optical disk playing system for playing the optical disk, the stored digital information comprising:

network address information that is used by the optical disk playing system to download content for playing the optical disk; and

a public key that is used by the optical disk playing system to verify the authenticity of downloaded content before playing the downloaded content stored on the optical disk in coordination with the downloaded content stored on the optical disk.